

Claims

[c1] What is claimed is:

1.A method for navigating in a web page environment, the method comprising the following steps:

- (a) launching a mark-up language web page;
- (b) modifying incoming mark-up language web page by allocating an index number to a hyperlink on the web page;
- (c) creating an anchor table associating hyperlink information with allocated index numbers;
- (d) interpreting the modified mark-up language and displaying a result; and
- (e) launching a subsequent web page according to a hyperlink associated with an inputted index number.

[c2] 2.The method of claim 1, wherein the web page is launched according to a user selection from an on-screen menu.

[c3] 3.The method of claim 2, wherein the web page is launched according to a user selection from a numerically indexed on-screen menu.

[c4] 4.The method of claim 2, wherein the user selection

comprises a numerical input corresponding to an allocated index number.

[c5] 5.The method of claim 1, wherein the interpreting action of step (d) is carried out by a browser.

[c6] 6. The method of claim 5, wherein the displaying action of step (d) is carried out by a display device displaying output of the browser.

[c7] 7.The method of claim 1, wherein the interpreting action of step (d) is carried out by a browser and a mark-up language to image converter.

[c8] 8. The method of claim 7, wherein the displaying action of step (d) is carried out by a display device displaying the output of the mark-up language to image converter.

[c9] 9.The method of claim 1, wherein displaying the modified mark-up language comprises displaying hyperlinks prefixed with index numbers according to the anchor table of step (c).

[c10] 10.The method of claim 1, wherein steps (a)–(e) are controlled using a remote input/output server.

[c11] 11.The method of claim 1, wherein the mark-up language is hypertext mark-up language (HTML).

- [c12] 12. A web page content display system comprising:
an Internet connection interface for accessing the Internet;
a mark-up language parser comprising code for assigning index numbers to hyperlinks contained in mark-up language and creating an anchor table for recording index number assignments, and with access to the Internet connection interface;
a remote input/output server hosted in a computing device, the remote input/output server comprising:
a browser for translating the mark-up language into a web page;
a mark-up language to image converter for converting browser output into an image;
a display device connected to the remote input/output server, for displaying an image output of the mark-up language to image converter; and
a user input device connected to the display device for allowing a user input of an index number.
- [c13] 13. The web page content display system of claim 12, wherein the remote input/output server is hosted by a personal computer.
- [c14] 14. The web page content display system of claim 12, further comprising a display driver connected between the remote input/output server and the display device.

- [c15] 15. The web page content display system of claim 14, wherein the display driver further comprises an image renderer for rendering the image for the display device.
- [c16] 16. The web page content display system of claim 15, wherein the display device is a television.
- [c17] 17. The web page content display system of claim 15, wherein the display device is a PC projector.
- [c18] 18. A web page content display system comprising:
an Internet connection interface for accessing the Internet;
a means for assigning index numbers to hyperlinks contained in mark-up language and creating an anchor table for recording index number assignments, with access to the Internet connection interface;
a remote input/output server hosted in a computing device, the remote input/output server comprising:
a browser for translating the mark-up language into a web page;
a mark-up language to image converter for converting browser output into an image;
a display device connected to the remote input/output server, for displaying the image outputted by the mark-up language to image converter; and

a user input means connected to the display device for allowing a user input of an index number.